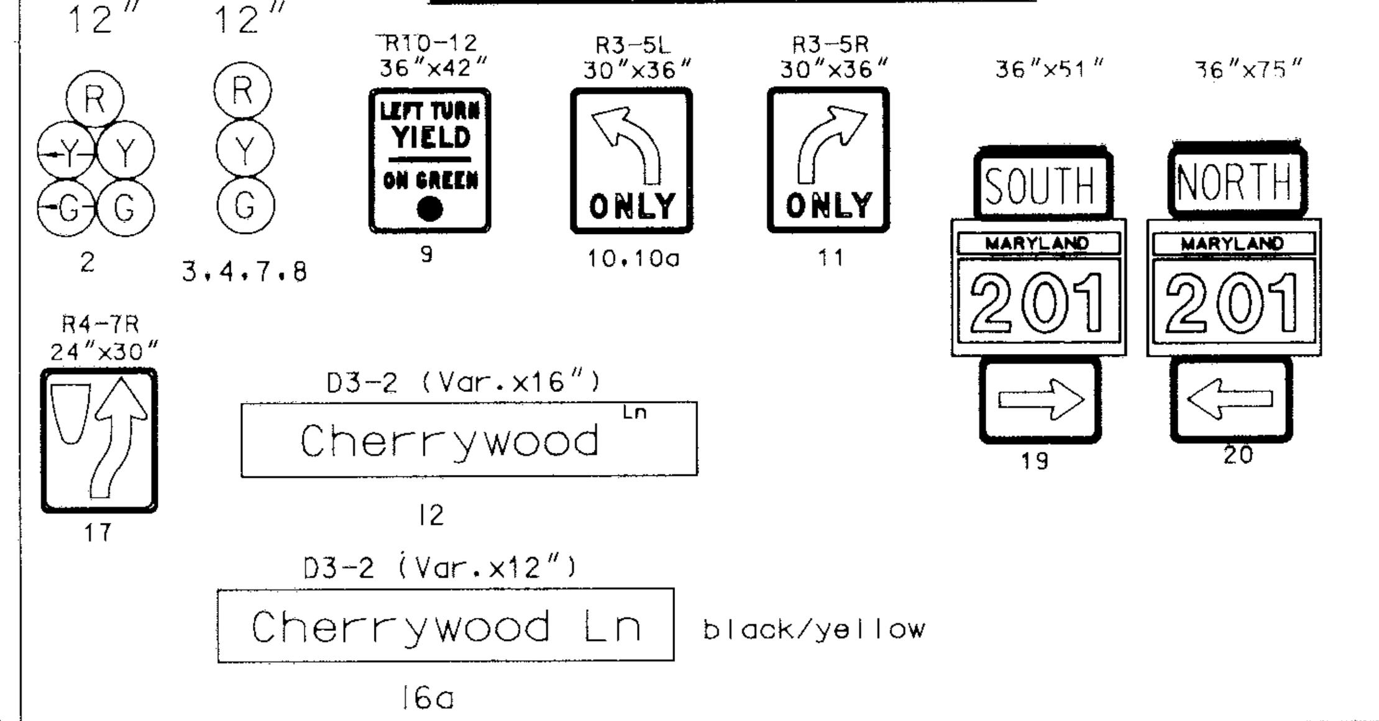
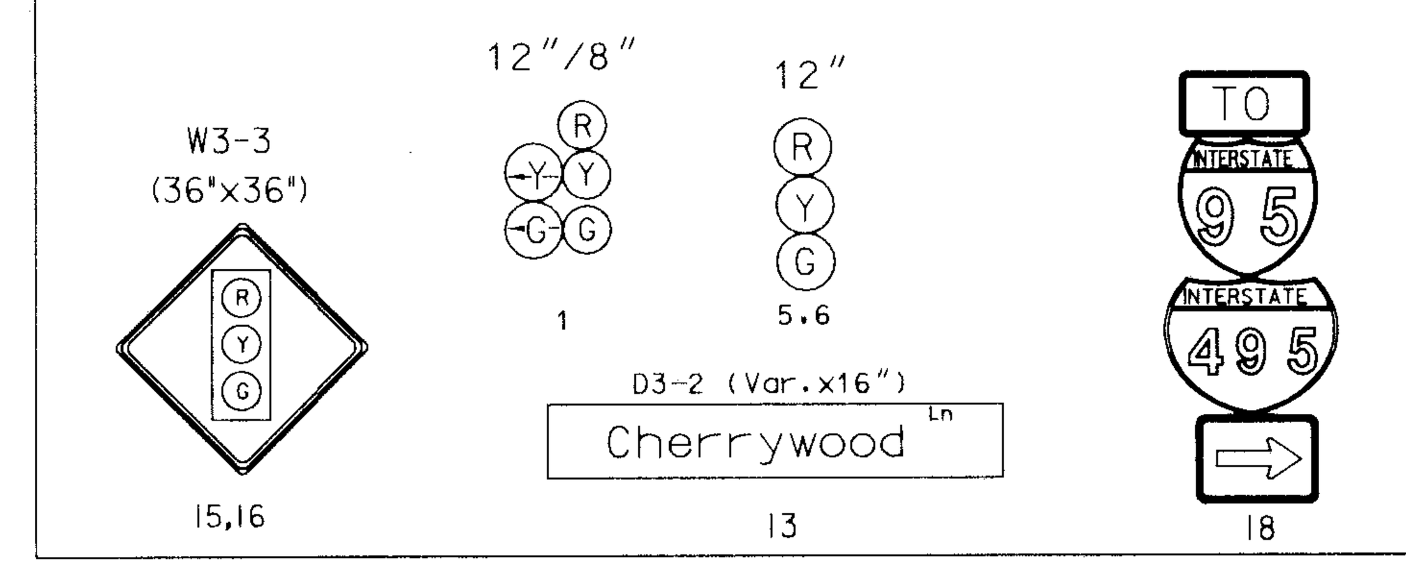
MD 201 IS ASSUMED TO RUN IN A NORTH /SOUTH DIRECTION.

GENERAL NOTES
1. PROPOSED PAVEMENT MARKINGS DETAILED ON DRAWING ARE TO BE INSTALLED BY THE SIGNAL CONTRACTOR, ALL OTHER MARKINGS ARE TO BE INSTALLED BY THE GENERAL CONTRACTOR.
2. DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF FINAL PAVEMENT MARKINGS.
3. PROPOSED GEOMETRICS SHALL BE CONFIRMED IN THE FIELD PRIOR TO INSTALLING NEW TRAFFIC SIGNAL EQUIPMENT.

PROPOSED SIGNALS AND SIGNS

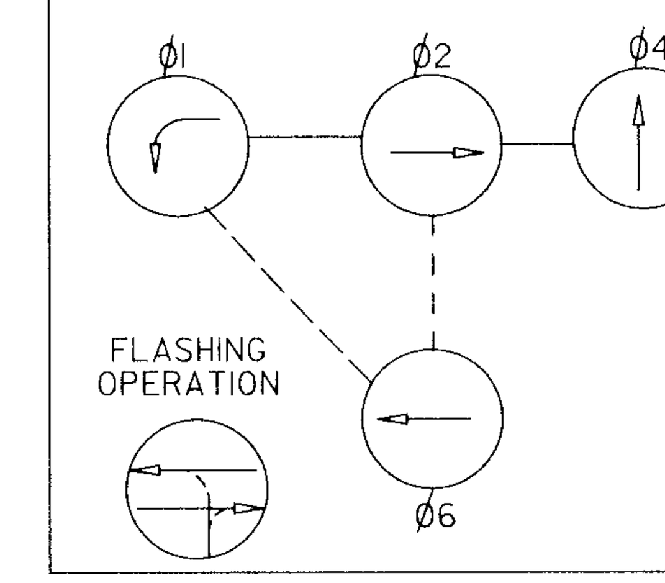


EXISTING SIGNS & SIGNALS



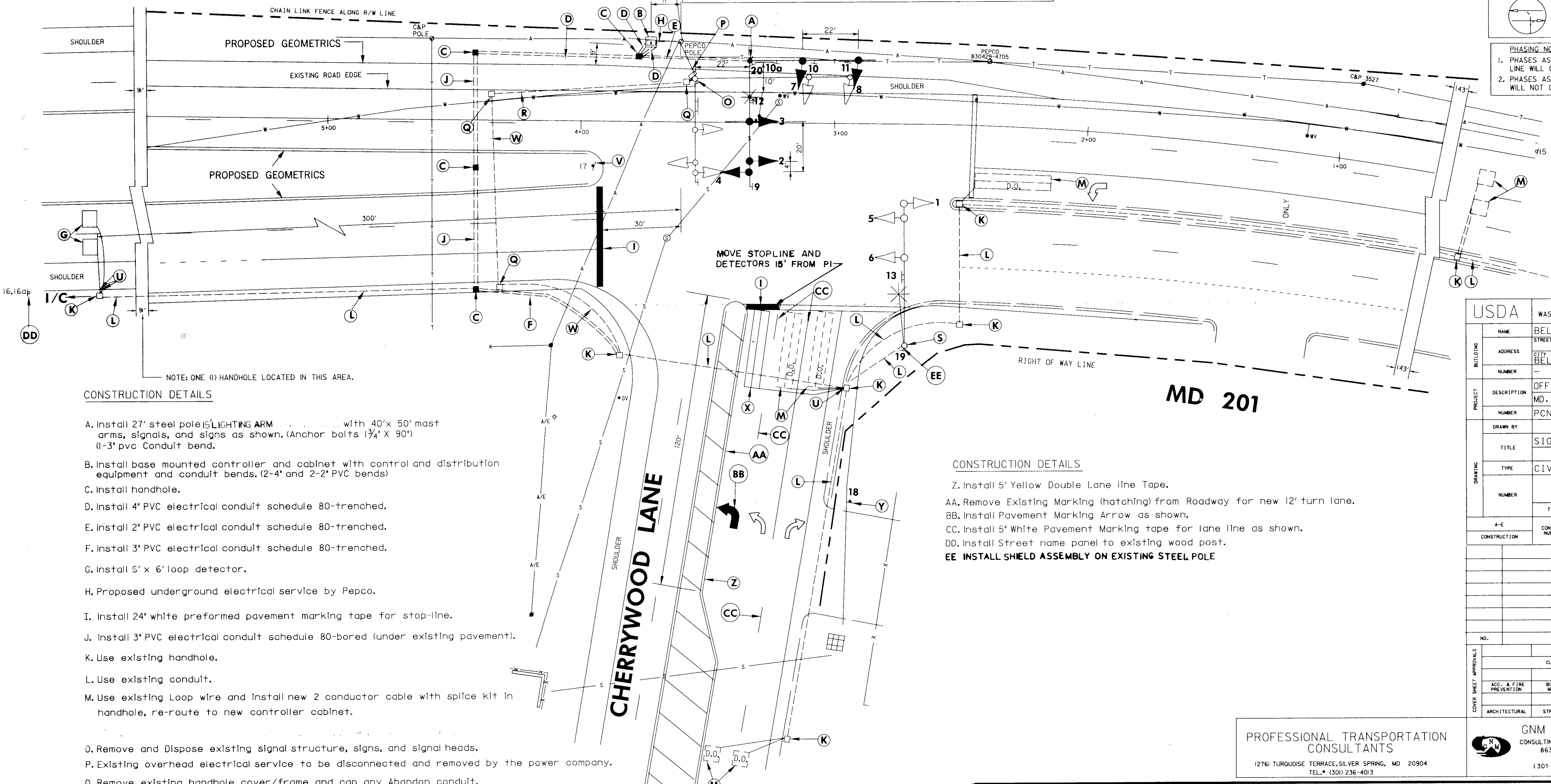
REGION NO.	STATE	PROJ. NO.	NO.	SHEETS
3	MD	SEE BELOW	1	2

NEMA PHASHING



PHASING NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install 27′ steel pole 15′LIGHTING ARM with 40′x 50′ mast arms, signals, and signs as shown. (Anchor bolts 1¾" X 90") (1-3" pvc Conduit bend.

B. Install base mounted controller and cabinet with control and distribution equipment and conduit bends. (2-4" and 2-2" PVC bends)

C. Install handhole.

D. Install 4" PVC electrical conduit schedule 80-trenched.

E. Install 2" PVC electrical conduit schedule 80-trenched.

F. Install 3" PVC electrical conduit schedule 80-trenched.

G. Install 6′ x 6′ loop detector.

H. Proposed underground electrical service by Pepco.

I. Install 24" white preformed pavement marking tape for stop-line.

J. Install 3" PVC electrical conduit schedule 80-bored (under existing pavement).

K. Use existing handhole.

L. Use existing conduit.

M. Use existing Loop wire and install new 2 conductor cable with splice kit in handhole, re-route to new controller cabinet.

O. Remove and Dispose existing signal structure, signs, and signal heads.

P. Existing overhead electrical service to be disconnected and removed by the power company.

Q. Remove existing handhole cover/frame and cap any Abandon conduit.

R. Existing electrical conduit to be abandoned, when new controller is operational, then remove all wiring from conduit.

S. Use existing steel pole signs, signal heads and street light.

T. Omit

U. Install one inch detector sleeve for lead-in cable.

V. Install sign post with sign (R4-7).

W. Abondon existing conduit.

X. Install 6′x30′ Quadrupole Loop Detector.

Y. Install Relocated shield Assembly Sign from Existing Signal pole to 4′x4′ Wood post.

CONSTRUCTION DETAILS

Z. Install 5′ Yellow Double Lane line Tape.

AA. Remove Existing Marking (hatching) from Roadway for new 12′ turn lane.

BB. Install Pavement Marking Arrow as shown.

CC. Install 5" White Pavement Marking tape for lane line as shown.

DD. Install Street name panel to existing wood post.

EE INSTALL SHIELD ASSEMBLY ON EXISTING STEEL POLE

UTILITY LEGEND	
—— T —— T ——	TELEPHONE CABLES
—— G —— G ——	GAS MAIN
—— W —— W ——	WATER MAIN
—— S —— S ——	SEWER MAIN
—— E —— E ——	ELECTRIC CABLES
—— A —— A ——	AERIAL CABLES
GEOMETRIC LEGEND	
— — - — — -	EXISTING GEOMETRICS
————	PROPOSED GEOMETRICS

REVISIONS					
B 5/12/98 SHA NO. BW996M82 signal modification due to New Geometric					
HC	[signature]	[signature]		[signature]	TH[signature]
A12/30/97 SHA NO. PG214B21 SHA Geometric Widening					
DCI					

APPROVALS
TEAM LEADER, TEDD
ASST. DIVISION CHIEF, TEDD
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

USDA	WASHINGTON AREA SERVICE CENTER		
BUILDING	NAME	BELTSVILLE OFFICE COMPLEX	
	ADDRESS	STREET	
		CITY BELTSVILLE	STATE M.D.
	NUMBER	—	
PROJECT	DESCRIPTION	OFF-SITE ROADWAY IMPROVEMENTS MD.201 & CHERRYWOOD LANE	
	NUMBER	PCN: 11-ME-95	
DRAWING	DRAWN BY	CKD. BY	DATE
	TITLE	SIGNAL PLAN	
	TYPE	CIVIL	
	NUMBER	3 (TYPE) / 5 (SERIES) / 43 (SEQUENCE)	
A-E / CONSTRUCTION	CONTRACT NUMBER	GS- 53-3142-4-913 / GS-	

100% SUBMISSION

NO.	REVISION	DATE

COVER SHEET APPROVALS

CLIENT AGENCIES			
ACC. & FIRE PREVENTION	BUILDINGS MANAGER	SPACE MANAGEMENT	CONCESSIONS
ARCHITECTURAL	STRUCTURAL	MECHANICAL	ELECTRICAL

PROFESSIONAL TRANSPORTATION CONSULTANTS
12761 TURQUOISE TERRACE, SILVER SPRING, MD 20904
TEL.# (301) 236-4013

GNM & ASSOCIATES, INC.
CONSULTING ENGINEERS, ARCHITECTS & PLANNERS
8630 FENTON STREET, SUITE 820
SILVER SPRING, MD 20910
(301) 588-6110 FAX: (301) 588-6656

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 201 AT CHERRYWOOD LANE

LOG MILE: 16020107.92

DRAWN BY:		F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
CHECK BY:	[signature]	S.H.A. NO.		TS-3405B	1 OF 2
SCALE:	1″=20′	COUNTY	PRINCE GEORGE'S		

FILE: SS1MD201.DGN